

We claim:

1. A method of cannelluring a frangible projectile, comprising the steps of:

positioning, in a cutting machine, a frangible projectile body made of a compressed powdered material;

rotating the body around a longitudinal axis at a high speed;

applying a cutting tool having a flat surface with beveled edges to the projectile body in order to machine cut the cannellure.

2. A method as claimed in claim 1, wherein the powdered material is a lead-free powder material.

3. A method as claimed in claim 2, wherein the powdered material comprises a copper tin powder mixture.

4. A frangible projectile having a cannellure, comprising:
a body made of a compressed powdered material and arranged to disintegrate upon contact with an object; and
a cannellure cut into the body, wherein the cannellure includes beveled edges and a generally flat base.

5. A frangible projectile as claimed in claim 4, wherein the beveled edges are at an approximately 45 degree angle relatively to a flat base of the cannellure.
6. A frangible projectile as claimed in claim 4, wherein the step of compressing the powder material comprises the step of compressing a lead-free powder material.
7. A frangible projectile as claimed in claim 6, wherein the step of compressing the powder material comprises the step of compressing a copper tin powder mixture.
8. A frangible projectile as claimed in claim 4, wherein the projectile is a small arms bullet.
9. A frangible projectile as claimed in claim 8, wherein the projectile is a rifle bullet and the cannellure is arranged to be crimped to a cartridge.
10. A frangible projectile having a cannellure that acts as a perforation to fracture upon removal from a cartridge into which it has been crimped.